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This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A method of maintaining non-viral cells in a specific redox state comprising contacting non-viral cells with a chemotherapeutic agent and a redox clamping agent comprising a thio(sulfhydryl)-containing molecule so that the non-viral cells are maintained in the specific redox state and are sensitized to the effects of said chemotherapeutic agent.

Claims 2-4 (canceled).

Claim 5 (previously presented): A method of stabilizing the redox state of hyperproliferative cells with abnormal fluctuations in their redox state comprising contacting said cells with a redox clamping agent comprising a thiol(sulfhydryl)-containing molecule and maintaining the cells in a specific redox state so that abnormal fluctuations associated with abnormal cell growth or proliferation are stabilized.